

Under the Paperwork Reduction act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 1 of 2

**Complete if Known**

Application Number	10/657,595
Filing Date	September 8, 2003
First Named Inventor	Ronald Mahany
Group Art Unit	2182
Examiner Name	Not assigned
Attorney Docket Number	14406US03

**U.S. PATENT DOCUMENTS**

Examiner Initial*	Cite No. <sup>1</sup>	Document Number Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	A1	5,649,308	07-15-1997	Andrews	
	A2	4,989,230	01/29/1991	Gillig	
	A3	5,093,926	03/03/1992	Sasuta	
	A4	5,117,449	05/26/1992	Metroka	
	A5	5,260,988	11-09-1993	Schellinger et al.	
	A6	5,343,512	08/30/1994	Wang	
	A7	5,371,898	12-06-1994	Grube et al.	
	A8	5,533,097	07/02/1996	Crane	
	A9	5,550,895	08/27/1996	Burson	
	A10	5,712,868	01/27/1998	Stern	
	A11	5,285,208	02/08/1994	Bertiger	

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>2</sup> -Number <sup>3</sup> -Kind Code <sup>4</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>5</sup>
	B4	WO 92/02084	02/06/1992	Koenck		

**OTHER ART -- NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published
	C433	"Radio Networks-An Air Bridge For Data", 1989
	C440	"The Second Overseas Radio Wave Utilization System Investigation Committee Report", Kaigai Denpa Riyo Shisutemu Chosadan Hokokusho, Dai2kai, Showa, 1987, Abstract
	C477	Jane Generic Design Specification, Bates No. E 00 0745C-0778C
	C478	Katarina Standard Cell Specification, Bates No. E 00 0087C-0242C
	C479	Katie Gate Array Specification, Bates No. E 00 1498C-1620C
	C489	Mobitex Operators Association, "Mobitex Terminal Specification To Be Used With Cante Mobitex Radio Network Issue R1A 8000 bps," 02/26/1990

EXAMINER SIGNATURE	DATE CONSIDERED
--------------------	-----------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible.

<sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450 Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. Send TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary))

**Complete if Known**

Application Number	10/657,595
Filing Date	September 8, 2003
First Named Inventor	Ronald Mahany
Group Art Unit	2182
Examiner Name	Not assigned
Attorney Docket Number	14406US03

Sheet	2	Of	2
-------	---	----	---

**OTHER ART -- NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published
	C492	Mobitex Operators Association, "Addendum Battery-Saving Protocol for Portable Terminals," 08/17/1990
	C497	Radio Data Link Access Procedure published by Motorola, 03/1991
	C500	Notice Regarding Issuance Of Initial Determination And Recommended Determination On Remedy And Bond, 10/10/2006
	C520	Rebuttal Expert Report Of Ray Nettleton Regarding Validity Of U.S. Patent Nos. 5,714,983 and 6,374,311 (redacted version), 12/15/2005
	C521	Invalidity Expert Report Of Dr. John Proakis (redacted version), 12/05/2005
	C528	Mobitex System Description MTS02.1
	C529	Mobitex Network Layer for Terminals Appendix B MTS09A.2
	C538	GSM 07.01 v 3.13.0, 02/1991
	C575	Qualcomm Incorporated's Sixth Supplemental Objections And Responses To Complainant's First Set Of Interrogatories (Nos. 1-15), 12/09/2005
	C576	YU, "Overview of EIA/TIA IS-41", IEEE 1992
	C577	Qualcomm Incorporated's Sixth Supplemental Objections And Responses To Complainant's First Set Of Interrogatories (Nos. 1-15), 12/09/2005
	C578	KISHINE et al., "A 2.5 Gb/s Clock And Data Recovery IC With Tunable Jitter Characteristics For Use In LAN's And WAN's", IEEE J. of Solid-State Circuits, 06/1999, Vol. 34, No. 6, pp. 805-812
	C579	KRAL et al., "RF-CMOS Oscillators With Switched Tuning", Custom IC Conference, Santa Clara, CA, 05/1998, pp. 555-558
	C580	KRAL, "A 2.4 GHz CMOS Frequency Synthesizer", UCLA Integrated Circuits And Systems Laboratory, 03/1998
	C581	Second Supplemental Expert Report Of Dr. John Proakis (redacted version), 02/09/2006

**EXAMINER****DATE CONSIDERED**

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard St. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.